

HDC 48B ADLU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

Version	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Bulkhead housing, End-locking clamp, lower side, Standard, with cover
Order No.	1222900000
Type	HDC 48B ADLU
GTIN (EAN)	4008190138004
Qty.	1 pc(s).

HDC 48B ADLU

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Technical data

Dimensions and weights

Depth	167.7 mm	Depth (inches)	6.602 inch
Height	62 mm	Height (inches)	2.441 inch
Width	166 mm	Width (inches)	6.535 inch
Mounting dimension - height	70 mm	Mounting dimension - width	148 mm
Net weight	759 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Dimensions

Height of base B1	7 mm	Height of housing B	62 mm
Hole pitch length A2	148 mm	Total length housing	132 mm
Width base C1	96.7 mm	Width housing C	90 mm

General data

EMC housings	No	Housing main material	diecast aluminium
Material of locking element	Stainless steel, rust-proof	Protection class note	Protection class with secured cover: IP 65
Protection degree	IP65 (in plugged condition)	Surface finish	Powder coating
Tightening torque	1.2 Nm		

Version

BG	12	Clamp version	End-locking clamp
Colour (RAL)	RAL 7035	Cover	with cover
Design	Standard	Design of cover	with cover
Design of housing	Bulkhead housing	Design of locking system	End-locking clamp, lower side
Sealing	NBR	Size	12
Suitable for ModuPlug®	Yes	Tightening torque	1.2 Nm
Top part/bottom part/lid	lower part	Type	Bulkhead (feed-through)

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

Substance	Acetone
Chemical resistance	Conditionally resistant
Substance	Drilling oil
Chemical resistance	Resistant
Substance	Diesel
Chemical resistance	Resistant

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Substance	Ethyl alcohol
Chemical resistance	Resistant
Substance	Transmission oil
Chemical resistance	Resistant
Substance	Hydraulic oil
Chemical resistance	Resistant
Substance	Coolant
Chemical resistance	Resistant
Substance	Petroleum benzine
Chemical resistance	Resistant
Substance	Sweat
Chemical resistance	Resistant
Substance	Premium gasoline
Chemical resistance	Conditionally resistant
Substance	Water
Chemical resistance	Resistant
Substance	UV
Chemical resistance	Unstable
Substance	Ozone
Chemical resistance	Unstable

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@6e5f24fd de.myview.objectmodel.impl.BlockImpl@41db04ce de.myview.objectmodel.impl.BlockImpl@75adfa4b de.myview.objectmodel.impl.BlockImpl@38ee7a53 de.myview.objectmodel.impl.BlockImpl@2f81c97f de.myview.objectmodel.impl.BlockImpl@36e54535 de.myview.objectmodel.impl.BlockImpl@2c808e00 de.myview.objectmodel.impl.BlockImpl@67f74521 de.myview.objectmodel.impl.BlockImpl@461ca291 de.myview.objectmodel.impl.BlockImpl@5a4c9b8a de.myview.objectmodel.impl.BlockImpl@7214ee4d de.myview.objectmodel.impl.BlockImpl@2f976363 de.myview.objectmodel.impl.BlockImpl@cbc542a

Important note

Product information	When mounting the housings, make sure that the flat gasket is correctly seated.
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Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Creation date May 11, 2025 5:23:02 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)

[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1222900000 HDC_48B_ADLU_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

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Accessories

Hood, Cable Entry at top



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General ordering data

Type	HDC 48B TOLU 1M50G	Version
Order No.	1788330000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 50
GTIN (EAN)	4032248205868	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M40G	Version
Order No.	1788340000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 40
GTIN (EAN)	4032248205875	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1PG29G	Version
Order No.	1650980000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29
GTIN (EAN)	4008190299606	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1PG36G	Version
Order No.	1651000000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 36
GTIN (EAN)	4008190299620	
Qty.	1 pc(s).	
Type	HDC 48B TOLU 1M32G	Version
Order No.	1788350000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32
GTIN (EAN)	4032248205882	
Qty.	1 pc(s).	

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Accessories

Hood, Cable Entry sideways



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General ordering data

Type	HDC 48B TSLU 1PG42G	Version
Order No.	1670470000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190431556	lower side, Standard, Size of cable entries: PG 42
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M40G	Version
Order No.	1788310000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205844	lower side, Standard, Size of cable entries: M 40
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG29G	Version
Order No.	1650850000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299453	lower side, Standard, Size of cable entries: PG 29
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M32G	Version
Order No.	1788320000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205851	lower side, Standard, Size of cable entries: M 32
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1M50G	Version
Order No.	1788300000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4032248205837	lower side, Standard, Size of cable entries: M 50
Qty.	1 pc(s).	
Type	HDC 48B TSLU 1PG36G	Version
Order No.	1650860000	HDC enclosures, Size: 12, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp,
GTIN (EAN)	4008190299460	lower side, Standard, Size of cable entries: PG 36
Qty.	1 pc(s).	